BRAN-DEX CEMENT BOND LOG
WIRELINE SERVICES MP CTU
RCH

Company: HILCORP ENERGY COMPANY
Well: MEAD #2-36
Field: WATTENBERG
County: WELD State: COLORADO
Location: API #: 05-123-09927
Sec: 36 Twp: 4N Rge: 67W
Permanent Datum: GROUND LEVEL Elevation: 4,974 ft
Log Measured From: KB 10 ft above Permanent Datum
Drilling Measured From: KB

Date	10/15/2021
Run Number	ONE
Depth Driller	7,600 ft
Depth Logger	7,600 ft
Bottom Logged Interval	7,600 ft
Top Logged Interval	3,000 ft
Casing Driller	4.5 in @ 7,600 ft
Casing Logger	4.5 in @ 7,600 ft
Bit Size	3.875 in
Type Fluid in Hole	WATER
Density / Viscosity	8.3 lb/gal
Max Recorded Temp	180 °F
Estimated Cement Top	3,000 ft
Time Since Circulation	24 hrs
Time on Bottom	10/15/2021
Equipment / Base	1
Max Rec. Surface Press.	1,000 psi

RUN NO. | PASS NO. | TIME | MAX. R.P.M. | MIN. R.P.M. | TOOL FACE | MAX. TEMP. °F
1 | 1 | | | | | 180

EQUIPMENT NUMBER | LOCATION | TYPE | SERIAL NO. | DIAMETER | WEIGHT | LENGTH
1 | MP CTU | CBL | 1 | 3.625 in | 1,000 lbs | 30 ft

TOOL STRING (TOP TO BOTTOM)
CCL
CBL

WITNESS: [redacted]

CEMENT BOND LOG
CASING COLLAR LOCATOR
GAMMA RAY
TENSION
CBL AMPLITUDE
CBL VARIABLE DENSITY
CBL TRANSIT TIME
CCL
GR
TEN
AMP
VDL
TT

CBL AMPLITUDE
0 mV 10
CBL VARIABLE DENSITY
CBL TRANSIT TIME
200 µs 1,200
GAMMA RAY
0 API 150
TENSION
0 lbs 10,000
CASING COLLAR LOCATOR

3,000 ft
3,100 ft
3,200 ft
3,300 ft
3,400 ft
3,500 ft
3,600 ft
3,700 ft
3,800 ft
3,900 ft
4,000 ft
4,100 ft
4,200 ft
4,300 ft
4,400 ft
4,500 ft
4,600 ft
4,700 ft
4,800 ft
4,900 ft
5,000 ft
5,100 ft
5,200 ft
5,300 ft
5,400 ft
5,500 ft
5,600 ft
5,700 ft
5,800 ft
5,900 ft
6,000 ft
6,100 ft
6,200 ft
6,300 ft
6,400 ft
6,500 ft
6,600 ft
6,700 ft
6,800 ft
6,900 ft
7,000 ft
7,100 ft
7,200 ft
7,300 ft
7,400 ft
7,500 ft
7,600 ft

6900

7000

7100

← Flag Joint

7200

0 Gamma Ray (GAPI) 200

9 CCL -1

0 Amplitude (mV) 85

0 Amplified Amplitude (mV) 30

200 Variable Density 1200